

Practice: 464 - Irrigation Land Leveling**Scenario # 1 Irrigation Land Leveling****Scenario Description:****Missouri**

Reshaping of the surface of land to be irrigated to planned grades to permit uniform and efficient application of irrigation water to the leveled land. The field is leveled such that it is uniform and drains to a specifically targeted part of the field.

Resource Concern: Excess/Insufficient - Inefficient Use of Irrigation Water Associated

Conservation Practices: 449 - Irrigation Water Management

Before Practice Situation:

Irregular field surface reduces uniformity of surface application and thus irrigation efficiency by localized ponding and/or excess runoff/runon.

After Practice Situation:

Cropland will be reshaped to provide uniform distribution of irrigation water in order to promote irrigation efficiencies.

Scenario Feature Measure:

Acre

Scenario Typical Size:

160

Acre

Tot Unit Cost

\$246.71

Cost Category	Component Name	Quantity	Unit	Unit Cost	Cost
Equip./Install.	Excavation, Common Earth, side cast, small	20000	Cubic yard	\$1.96	\$39,200.00
Mobilization	Mobilization, small equipment	2	Each	\$136.80	\$273.60

Total Cost: \$39,473.60

Payment types:

PayType	Unit Payment	PayType	Unit Payment
EQIP	\$160.36	EQIP-HU	\$222.04
EQIP-MRBI	\$123.36	EQIP-HUMRBI	\$185.03